BACKSCATTER AND TRANSMISSION OF AEROSOL AT UV THROUGH MIDDLE IR WAVELENGTHS

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CONTRACT NUMBER : DAJA45-92-C-0024

1st Interim Report

September 1992 - December 1992

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Backscatter and Transmission of Aerosol at UV through middle IR wavelengths.	
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None	
Unlimited	

A research scientist has commenced work under the contract. A Continuum Surelite 10 Hz Nd:Yag laser system which includes second, third and fourth harmonic generators has been purchased and is currently being set up. In addition, a research assistant has also commenced work and is directed towards the measurement of biological aerosol components - pollen in the first instance. A special pollen sampler - A Tauber Trap - is currently being constructed with the objective of conducting long-term pollen field measurements.

Backscatter, transmission, biological aerosol, pollen	two

Unclassified	Unclassified	Unclassified	None

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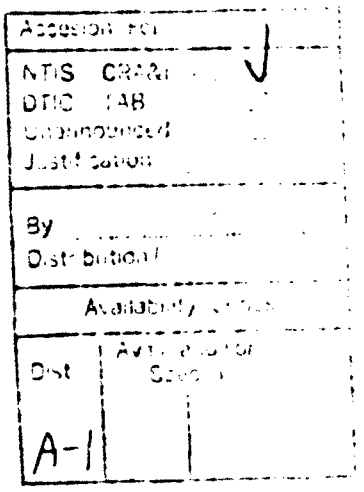

(a) No contract funds have been used to date

(b) A Continuum Surelite 10 Hz Nd:Yg laser system has been acquired.